

## Accepted Manuscript

Title: The effects of imaginary voluntary muscle contraction and relaxation on cerebellar brain inhibition

Authors: Hiroaki Tanaka, Akiyoshi Matsugi, Yohei Okada

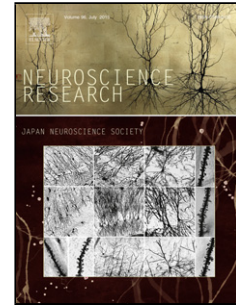
PII: S0168-0102(17)30441-8  
DOI: <https://doi.org/10.1016/j.neures.2017.11.004>  
Reference: NSR 4116

To appear in: *Neuroscience Research*

Received date: 18-7-2017  
Revised date: 13-11-2017  
Accepted date: 13-11-2017

Please cite this article as: Tanaka, Hiroaki, Matsugi, Akiyoshi, Okada, Yohei, The effects of imaginary voluntary muscle contraction and relaxation on cerebellar brain inhibition. *Neuroscience Research* <https://doi.org/10.1016/j.neures.2017.11.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**The effects of imaginary voluntary muscle contraction and relaxation on cerebellar  
brain inhibition**

Hiroaki Tanaka,<sup>a</sup> Akiyoshi Matsugi,<sup>b,\*</sup> Yohei Okada<sup>c, d</sup>

<sup>a</sup> Department of Rehabilitation, Baba Memorial Hospital, Nishiku  
Hamaderahunaotyohigashi 4-244, Sakai City, Osaka 592-8555, Japan

<sup>b</sup> Faculty of Rehabilitation, Shijonawate Gakuen University, Hojo 5-11-10, Daito City,  
Osaka 574-0011, Japan

<sup>c</sup> Faculty of Health Science, Kio University, 4-2-2 Umami-naka, Koryo-cho,  
Kitakatsuragi-gun, Nara 635-0832, Japan

<sup>d</sup> Neurorehabilitation Research Center of Kio University, Koryo-cho, Kitakatsuragi-gun,  
Nara 635-0832, Japan

**Corresponding author:** Akiyoshi Matsugi, Faculty of Rehabilitation, Shijonawate  
Gakuen University, Hojo 5-11-10, Daitou City, Osaka 574-0011, Japan

Tel.: +81-72-863-5043; Fax: +81-72-863-5022

Email: a-matsugi@reha.shijonawate-gakuen.ac.jp

Download English Version:

<https://daneshyari.com/en/article/8842044>

Download Persian Version:

<https://daneshyari.com/article/8842044>

[Daneshyari.com](https://daneshyari.com)